

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date May 10, 2016

EPA Reg. No./File Symbol 91234-xx

Page 1 of 5

Applicant's / Registrant's Name &amp; Address

Atticus, LLC  
501 Cascade Point Lane, Suite 102  
Cary, NC 27513

Product

A105.03

Ingredient Bifenazate

| Guideline Reference Number | Guideline Study Name  | MRID Number | Submitter    | Status | Note                      |
|----------------------------|---|-------------|--------------|--------|---------------------------|
| 830.1550                   | Product Identity and Composition                                      | 49916801    | Atticus, LLC | OWN    |                           |
| 830.1600                   | Description of Materials Used to Produce the Product                  | 49916801    | Atticus, LLC | OWN    |                           |
| 830.1620                   | Description of Production Process                                     |             |              |        | Not required <sup>1</sup> |
| 830.1650                   | Description of Formulation Process                                    | 49916801    | Atticus, LLC | OWN    |                           |
| 830.1670                   | Discussion of Formation of Impurities                                 | 49916801    | Atticus, LLC | OWN    |                           |
| 830.1700                   | Preliminary Analysis  |             |              |        | Not required <sup>2</sup> |
| 830.1750                   | Certified Limits  | 49916801    | Atticus, LLC | OWN    |                           |
| 830.1800                   | Enforcement Analytical Method   | 49916801    | Atticus, LLC | OWN    |                           |
| 830.6302                   | Color   | 49916802    | Atticus, LLC | OWN    |                           |
| 830.6303                   | Physical State  | 49916802    | Atticus, LLC | OWN    |                           |
| 830.6304                   | Odor  | 49916802    | Atticus, LLC | OWN    |                           |
| 830.6313                   | Stability to Normal and Elevated Temperatures, Metals, and Metal Ions | 49916803    | Atticus, LLC | OWN    | Not required <sup>3</sup> |
| 830.6314                   | Oxidation/Reduction: Chemical Incompatibility                         | 49916802    | Atticus, LLC | OWN    |                           |

Signature



Name and Title

Michael Kellogg, Consultant

Date

5/10/16

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| Ingredient <b>Bifenazate</b>  |  |                           |

| Guideline Reference Number | Guideline Study Name                               | MRID Number | Submitter    | Status | Note                      |
|----------------------------|--|-------------|--------------|--------|---------------------------|
| 830.6315                   | Flammability                                       | 49916802    | Atticus, LLC | OWN    |                           |
| 830.6316                   | Explosibility                                      | 49916803    | Atticus, LLC | OWN    | Not required <sup>4</sup> |
| 830.6317                   | Storage Stability                                  | 49916803    | Atticus, LLC | OWN    | PRN 92-5 <sup>5</sup>     |
| 830.6319                   | Miscibility  | 49916803    | Atticus, LLC | OWN    | Not required <sup>6</sup> |
| 830.6320                   | Corrosion Characteristics                          | 49916803    | Atticus, LLC | OWN    | See endnote <sup>5</sup>  |
| 830.6321                   | Dielectric Breakdown Voltage                       | 49916803    | Atticus, LLC | OWN    | Not required <sup>7</sup> |
| 830.7000                   | pH   | 49916802    | Atticus, LLC | OWN    |                           |
| 830.7050                   | UV/Visible Absorption                              | 49916803    | Atticus, LLC | OWN    | Not required <sup>3</sup> |
| 830.7100                   | Viscosity  | 49916802    | Atticus, LLC | OWN    |                           |
| 830.7200                   | Melting Point/Melting Range                        | 49916803    | Atticus, LLC | OWN    | Not required <sup>3</sup> |
| 830.7220                   | Boiling Point/Boiling Range                        | 49916803    | Atticus, LLC | OWN    | Not required <sup>3</sup> |
| 830.7300                   | Density/Relative Density/Bulk Density              | 49916802    | Atticus, LLC | OWN    |                           |
| 830.7370                   | Dissociation Constants in Water                    | 49916803    | Atticus, LLC | OWN    | Not required <sup>3</sup> |
| 830.7520                   | Particle size, fiber length, diameter distribution | 49916803    | Atticus, LLC | OWN    | Not required <sup>8</sup> |

|  |  |                        |
|--|--|------------------------|
| Signature<br> | Name and Title<br><b>Michael Kellogg, Consultant</b> | Date<br><b>5/10/16</b> |
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| Applicant's / Registrant's Name & Address<br><b>Atticus, LLC<br/>501 Cascade Point Lane, Suite 102<br/>Cary, NC 27513</b> |  | Product<br><b>A105.03</b> |

Ingredient **Bifenazate**

| Guideline Reference Number | Guideline Study Name   | MRID Number | Submitter                              | Status | Note                      |
|----------------------------|--|-------------|--|--------|---------------------------|
| 830.7550                   | Partition Coefficient (n-octanol/water), Shake Flask Method                  | 49916803    | Atticus, LLC                           | OWN    | Not required <sup>3</sup> |
| 830.7560                   | Partition Coefficient (n-octanol/water), Generator Column Method             | 49916803    | Atticus, LLC                           | OWN    | See 830.7550              |
| 830.7570                   | Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography | 49916803    | Atticus, LLC                           | OWN    | See 830.7550              |
| 830.7840                   | Water Solubility: Column Elution Method; Shake Flask Method                  | 49916803    | Atticus, LLC                           | OWN    | Not required <sup>3</sup> |
| 830.7860                   | Water Solubility, Generator Column Method                                    | 49916803    | Atticus, LLC                           | OWN    | Not required <sup>3</sup> |
| 830.7950                   | Vapor Pressure   | 49916803    | Atticus, LLC                           | OWN    | Not required <sup>3</sup> |
|                            |  |             |  |        |                           |
| 870.1100 (81-1)            | Acute Oral Toxicity: Rat   | 45375806    | Macdermid Agricultural Solutions, Inc. | OLD    |                           |
| 870.1200 (81-2)            | Acute Dermal Toxicity: Rat   | 45375807    | Macdermid Agricultural Solutions, Inc. | OLD    |                           |
| 870.1300 (81-3)            | Acute Inhalation Toxicity: Rat   | 45375811    | Macdermid Agricultural Solutions, Inc. | OLD    |                           |

|  |  |                        |
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| Applicant's / Registrant's Name & Address<br><br><b>Atticus, LLC<br/>501 Cascade Point Lane, Suite 102<br/>Cary, NC 27513</b> |                                | Product<br><b>A105.03</b>                |  |                           |      |
| Ingredient <b>Bifenazate</b>  |                                |  |  |                           |      |
| Guideline Reference Number  | Guideline Study Name           | MRID Number                              | Submitter                              | Status                    | Note |
| 870.2400 (81-4)   | Primary Eye Irritation: Rabbit | 45375808                                 | Macdermid Agricultural Solutions, Inc. | OLD                       |      |
| 870.2500 (81-5)   | Primary Dermal Irritation      | 45375809                                 | Macdermid Agricultural Solutions, Inc. | OLD                       |      |
| 870.2600 (81-6)   | Dermal Sensitization           | 45375810                                 | Macdermid Agricultural Solutions, Inc. | OLD                       |      |
| <b>Bifenazate Generic Data Requirements</b>   |                                |  |  |                           |      |
| A105.03 qualifies for Formulator's Exemption for bifenazate generic data requirements.  |                                |  |  |                           |      |
|   |                                |  |  |                           |      |
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|   |                                |  |  |                           |      |
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|--|--|------------------------|
| Signature<br> | Name and Title<br><b>Michael Kellogg, Consultant</b> | Date<br><b>5/10/16</b> |
|--|--|------------------------|

## Endnotes for Data Matrix for A105.03

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- <sup>1</sup> **830.1620** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product. See 830.1650 for formulation process information.
- <sup>2</sup> **830.1700** - This product does not consist solely of the technical grade active ingredient (TGAi) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.
- <sup>3</sup> **830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
- <sup>4</sup> **830.6316** - This product does not have explosive characteristics; therefore these data are not required. Please refer to the Confidential Statement of Formula for additional information on the composition of A105.03.
- <sup>5</sup> **830.6317, 830.6320 - Storage Stability and Corrosion Characteristics:** Atticus, LLC is currently conducting storage stability and corrosion characteristic studies to satisfy guidelines 830.6317 and 830.6320, respectively. Per PR Notice 92-5, storage stability data are not required to be submitted unless specifically requested by the Agency. OPPTS 830.6317 and 830.6320 guidelines allow the corrosion characteristics study and storage stability study to be conducted simultaneously. Atticus, LLC will submit these data upon completion. Atticus, LLC requests that a conditional registration for A105.03 be granted on the submission of these data.
- <sup>6</sup> **830.6319** - A105.03 is a soluble liquid and not an emulsifiable concentrate. In addition, the proposed labeling recommends dilution with water, not oil; therefore, these data are not required.
- <sup>7</sup> **830.6321** - This product is not proposed for use around electrical equipment. Therefore, these data are not applicable nor are these data required.
- <sup>8</sup> **830.7520** - These data are not required for A105.03 because it is not water insoluble and is not a fibrous material.